



## PATENT ABSTRACTS OF JAPAN

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(21) Application number: **06304872**(71) Applicant: **KAO CORP**(22) Date of filing: **08.12.94**(72) Inventor: **YAHAGI KAZUYUKI**(54) **HAIR COSMETIC**

cleaning agent is preferable.

(57) Abstract:

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PURPOSE: To obtain a hair cosmetic having excellent stability and conditioning effect by including an ester sulfate-modified organo(poly)siloxane and a cationic polymer.

CONSTITUTION: This hair cosmetic contains an organo(poly)siloxane having at least a carboxyl group in a molecule and expressed by the formula ( $R^1$  is a 1-22C alkyl, a 1-22C alkoxy or phenyl, etc.;  $R^2$ - $R^3$  are each a 1-22C alkyl, a 1-22C alkoxy or phenyl, etc.; x and y are each 0-1000) in an amount of 0.1-20wt.% and a cationic polymer in an amount of 0.01-5wt.%. The compound of the formula and the cationic polymer are contained in the cosmetic at a weight ratio of 1000/1-5/1. By jointly using the compound of the formula and the cationic polymer, the two components are stable in storing and both remain on a hair with aggregating in rinsing after washing, and the compound of the formula forms scum by a metallic ion in the city water, then suitable dry feeling and high conditioning effect are obtained. The cosmetic is formed to a shampoo, a rinse or a treatment, etc., especially water-based product such as hair

